

# ALBION RENEWABLE ENERGY PROJECT FACT SHEET



The Albion Renewable Energy project is designed to recover electrical energy from clean materials presently going to waste. It is owned by a partnership of subsidiaries of Decker Energy International, Inc. of Winter Park, Florida and Wheelabrator Technologies Inc. of Hampton, New Hampshire, experienced developers and operators of over 20 independent power generating facilities nationwide, especially those using renewable fuels.

**Project Size:** The plant will have a construction cost of approximately \$70,000,000 and will generate 39,600 kilowatts of electricity, sufficient power for about 30,000 homes. The electricity will be sold to Consumers Power under a 35-year contract approved by the Michigan Public Service Commission.

**Local Economic Benefits:** **New Jobs:** During the two-year construction period, as many as 250 construction workers will be needed to build the project, who will be paid an estimated \$10,000,000 in wages. In addition, over the 35+ year operating life, Albion Renewable Energy will create about 40 permanent jobs at the plant, 50 in fuel processing and transportation, and 20 in off-site support. Our "local hire first" policy ensures that a maximum number of these jobs will go to local residents.

**New Tax Revenue:** With a construction cost of approximately \$70,000,000, the project will provide a significant increase in the local tax base and will pay hundreds of thousands of dollars per year in local property taxes. These new funds can be used by the community to improve public services and facilities, such as streets, sidewalks, parks and recreation, public works, and libraries, alleviating some of the pressure to raise property taxes in the future to pay for these services.

**Local Business:** During construction, Albion Renewable Energy will pay almost \$15,000,000 to local contractors, such as electricians, carpenters, and concrete companies. Once operational, the project will purchase another \$700,000 each year in goods and services from local businesses.

**Environmental Benefits:** **Recycling:** The power plant will recycle wood waste and chipped tires into needed electrical energy, creating a valuable resource from otherwise wasted materials. The facility will help meet established state and national goals for recycling and resource recovery.

**Renewable Energy:** Using renewable materials such as wood and tire chips to generate electricity is endorsed by the environmental community as a way of lessening our country's dependence on scarcer and dirtier fossil fuels such as coal and oil. The project will conserve the equivalent of 500,000 barrels per year of imported oil.

**Fuel Supply:** The project will be fueled by a mixture of 80-90% wood chips and 10-20% tire chips. It will not be capable of handling, nor permitted to use, household garbage or any type of hazardous waste.

**Wood:** To be obtained from a variety of sources, including: industrial wood waste, such as used pallets; commercial tree trimming; wood from yard waste; construction wood waste; land clearing; the wood portion of demolition material separated by licensed off-site processors; and pelletized unrecyclable paper. All wood fuel will be clean and essentially free of contamination.

**Tires:** To be obtained from tire dealers, tire haulers, and possibly from existing tire piles. The facility will receive tires both in whole and chipped form. Whole tires will be chipped on site in an insulated sound-enclosed building. Tires will be handled and stored in accordance with the strict requirements of the Michigan Scrap Tire Regulatory Act.

**Plant Design:** The project will use conventional, commercially-proven technology. The power plant will be a state-of-the-art wood waste and tire chip fueled facility with an automated fuel yard, a utility-type high pressure boiler, a steam turbine/generator, and modern air quality control equipment meeting the "best available control technology" standard required by state and federal environmental laws. The plant will have more air quality controls than any other facility of its type in Michigan.

**Schedule:** Permitting and licensing of Albion Renewable Energy will take place during 1994. Construction is expected to commence in 1995, leading to commercial operation in 1997.